

Shenzhen Shanling Digital Technology Development Co., Ltd.
Address: 10 Chiwan 1 Road, Shekou, Shenzhen, China
Tel: 0755-26887637
Fax: 0755-26887638
Email: shanling@szonline.net
<http://www.shanling.com>

※ Our products are subject to change without prior notice.

SHANLING

CD-T1000se

User Manual



STEREO TUBE CD PLAYER



Foreword

Dear customer:

Thank you for buying a Shanling CD player. We would like to take this opportunity to express our sincere appreciation. Please read this user's manual carefully before operating the unit and keep it available for reference when needed.

Table of Contents

Foreword	1
Care and safety	2
Location	3
Overview	4
Parts Identification	4-5
System Connection	5
Remote Controller Schematic Diagram	6
Function Description	7-10
Specifications	11
Standard Accessories	11
Troubleshooting	12
After-sales Service	13

Care and Safety

Safety instructions



Indicates the unit has high voltages inside, which can cause electric shock.



Indicates this unit requires special operation and maintenance procedures.

Caution

1. Allow no liquid into the unit. Place no object containing liquid on the unit.
2. Do not open this unit for repair or modification by anyone other than a qualified technician! This product has no user-serviceable parts. Opening the unit and modifying the internal circuitry can make subsequent maintenance difficult or impossible and affect performance and sound quality.

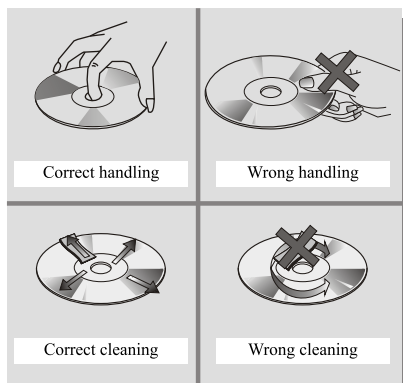
Warning

1. Use of controls and adjustments or performance of procedures other than those specified herein may result in exposure to hazardous radiation.
2. Since the laser beam in this unit can damage the eye, please do not open the enclosure. Only a qualified technician should carry out repairs.
3. This unit is classified as a Class 1 laser product, and is identified as such on the label located on the rear of the enclosure.
4. The laser components of this product can generate laser radiation above the Class 1 limit.



Precautions for disc play

- Keep the compact disc clean. Hold it by the edge when picking it up.
- Do not allow foreign material to contaminate the disc surface. Protect the disc from heat, pressure and deformation.
- When cleaning a disc, gently brush from the center outwards with a radial movement. Never clean around the disc in a circular direction.
- Fingerprints and other dirt on the disc will affect sound quality. Please use a soft dry cloth to clean the surface. If necessary, use a soft cloth dipped in diluted neutral solvent to remove stubborn dirt such as fingerprints.



Storage

Keep away from heat, humidity, dust and vibration

Avoid exposing the unit to sources of high temperature or humidity, such as a radiator or humidifier. Avoid putting it in a place where dust collects or in the vicinity of vibrations. This unit cannot withstand severe shock, and should be handled with care to avoid mechanical damage.

Appropriate ventilation

Put the unit in a well-ventilated place and avoid blocking any ventilation holes. To prevent overheating or fire, a minimum of 10cm safety clearance should be maintained at the back and at both sides of the unit. To reduce the likelihood of damage or accident, the top of the unit should be given at least 20cm safety clearance.

Warning



Even with the unit turned off, as long as the power cord remains connected to the wall socket, it is still not disconnected from AC power! If the unit is not to be used for some time it should be unplugged to disconnect it from AC power.

About condensation

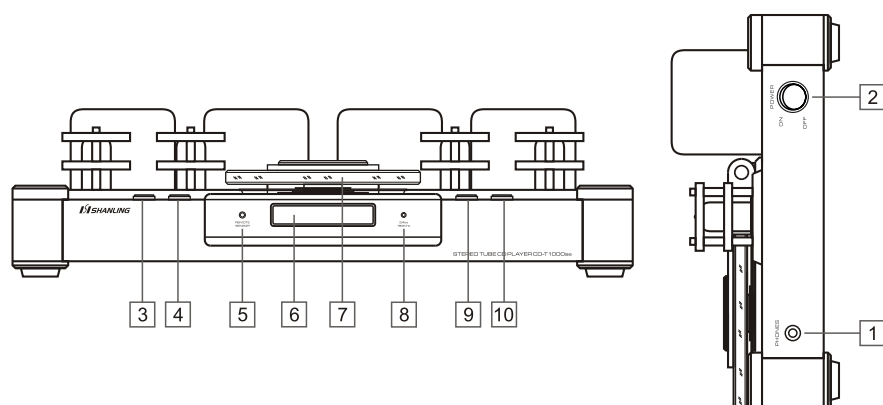
If the unit is moved directly from a cold environment to a warm or very damp one, humidity may condense on the internal lens and the player will not function. If this happens, simply remove the disc and wait. Accumulated condensation should evaporate in about one hour if the unit is connected to AC power.

Description

The CD-T1000se features a top-loading laser pick-up mechanism housed in a custom aluminum alloy chassis. Philips CD-7II servo system is employed for extremely low jitter. 24-bit/192 KHz up-sampling is accomplished by Burr-Brown SRC4192 processor chip. The use of 2 x Burr-Brown PCM1792 D/A chip (one per channel) retrieves the premium quality of digital recordings.

Parts identification

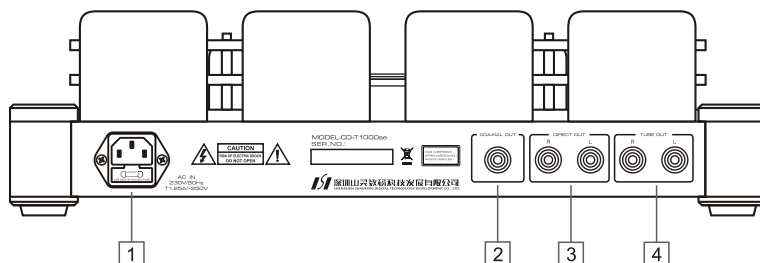
Front panel



- | | |
|----------------------------------|--|
| 1 Headphone output jack (PHONES) | 6 Display window |
| 2 Power switch (POWER) | 7 Disc cover |
| 3 Play/pause key (PLAY/PAUSE) | 8 Up-sampling indicator (24-bit/192 KHz) |
| 4 Stop key (STOP) | 9 Previous skip key (PREVIOUS) |
| 5 Remote control sensor | 10 Next skip key (NEXT) |

Parts identification

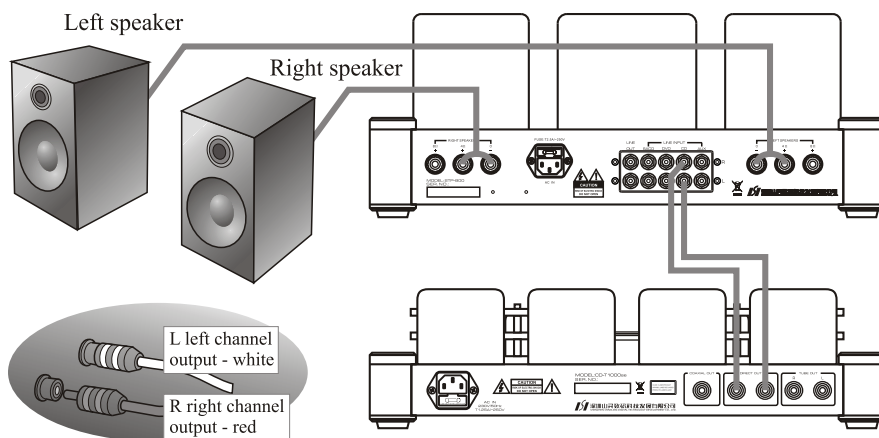
Rear panel



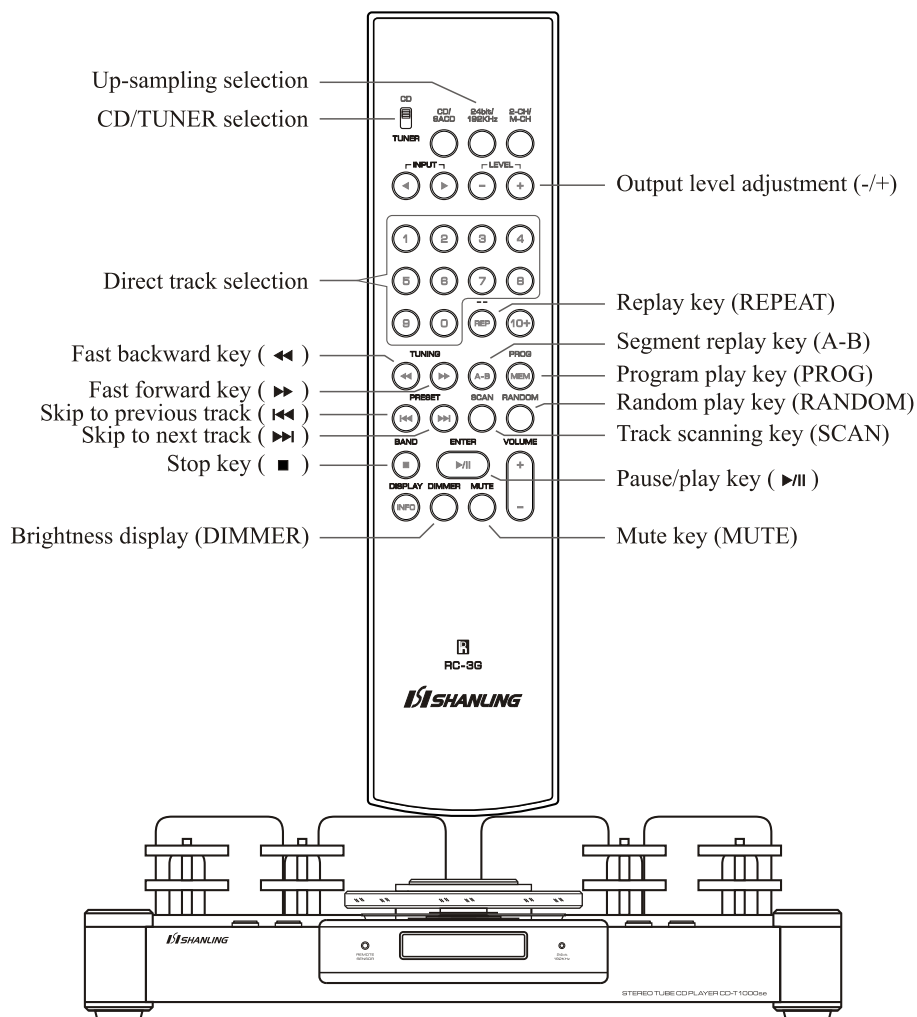
- 1 AC power input socket (fuse socket enclosed)
- 2 Coaxial digital output socket
- 3 Left & right direct audio output sockets
- 4 Left & right vacuum tube audio output sockets

System connection

Connection schematic diagram



Remote control diagram



Note:

Keys not marked with a legend are not functional in this unit. It is normal for the player not to respond when these keys are pressed.

Functions

On/off (POWER)

- 1) Press the power switch (POWER) on the right side panel to turn on power. The unit will display CD PLAYER and run a self-test process: if a disc is in the disc compartment, the player will display the disc contents, showing track and timing values (e.g. STOP 16-16 58:39). If the disc compartment is empty, the display will show “No Disc”. If the unit is in operation, you can press the power switch to turn off power. Player will stop and control settings will no longer be displayed.
- 2) If the unit is not to be used for some time, press the power switch on the right front panel to cut off power.

Disc play

- 1) With one hand, gently raise the transparent disc cover to an angle of 45°.
- 2) With the other hand, take the disc out of its box and put it onto the disc tray. Put it in shiny side down; the side printed with text or a pattern must face upward.
- 3) Gently lower the disc cover.
- 4) After the unit is started, the screen will display “CD PLAYER”, showing that the unit is scanning the table of contents of the disc. Once this is done the screen will display stop mode, the number of tracks on the disc and the total disc timing (e.g. STOP 16-16 58:39).
- 5) Once total playing time is displayed, press “PLAY” or “▶/II” key or the numerical keys on the remote control starts playing the contents of the disc. The display window will show “PLAY”.
- 6) When the screen displays “No Disc”, this means the player is unable to read the contents of a disc. This may happen for the following reasons, apart from there being no disc inside:
 - a) The disc may have been placed upside down.
 - b) The disc surface is seriously scratched or very dirty.
 - c) If the unit is suddenly moved from a cold environment to a warm one, condensation may occur on the laser lens. If you suspect this is the case, wait patiently until the unit comes to room temperature. Do not use detergent to clean the lens as this may damage the lens coating.

Note: If this situation should occur, patience is the best remedy. Please read “about condensation” in the “Precautions for disc play” section earlier in this booklet.

Pause/play

- 1) To stop play and enter the pause state briefly, press the “▶/II” key on the remote control. The screen will display “PAUSE”. Press the key again to resume play. “PLAY” will reappear on the screen. Press the “■” key to stop.

Functions

- 2) When you want to remove the disc from the player, press the “■” key to stop play. Open the disc cover. To avoid damaging the disc, never open the cover while a disc is playing.

Next skip

To skip ahead from the current track during normal play, press the “▶▶” key on the front panel or the remote control. The next track will play and the number of the next track will be displayed on the screen. To skip several tracks, press the “▶▶” key several times consecutively until the required track number is shown on the screen.

Previous skip

To skip back one track during normal play, press the “◀◀” key on the front panel or the remote control. If the duration of the current track is less than 5 seconds, the player will skip to the previous track. If the duration of the current track is more than that, the player will go back to the starting point of the current track. Press the “◀◀” key again to skip to the previous track. To skip further back, press “◀◀” several times consecutively until the required track number is shown on the screen.

Replay

To continuously play the current track, press the “REPEAT” key on the remote control once. The display will show “REP ONE”. To continuously play all the tracks on the disc, press the “REPEAT” key twice. The screen will show “REP ALL”. To cancel the replay function, press the “REPEAT” key on the remote control three times. The screen will go back to the normal display.

Personal selection repeat

- 1) If you wish to hear a certain section of the disc which is not a discrete track, assuming the section you wish to hear starts at point A and ends at point B, enter commands as follows: At the desired starting point, press the “A-B” key on the remote control once. The unit will remember this point as the starting point (point A) and the screen will display “REP A-”. When the recording has reached the desired ending point, press the “REPEAT” key on the remote control once again. The unit will remember this point as the finishing point (point B) and the screen will display “REP A-B”. The desired section will replay until the “REPEAT” key on the remote control is pressed again.
- 2) This function is not available when the player is stopped.

Functions

Track scanning

- 1) With the player in stop mode, press the “SCAN” key on the remote control to start the track scanning function. The screen will display “INTRO”. The track scanning function plays the first ten seconds of each track consecutively until the end of the disc. As each fragment plays, the corresponding track number will appear on the display screen. After the last track fragment is completed, the unit will enter stop mode. Press other keys to change to other modes.
- 2) Press the “■” key to stop scanning.

Fast search

Fast play keys (◀ and ▶)

Press the “◀” key for fast backward search and the “▶” key for fast forward search. Release the key to go back to normal play.

Track selection

- 1) Direct selection with the numeric keypad on the remote control
Press a numeric key between 1 and 9 to select tracks 1 to 9. To choose track 10 or higher, first press the numeric key corresponding to the number in the tens place; then press the numeric key corresponding to the number in the ones place within 2 seconds. For example, to select track 12, first press 1, and then press 2.
- 2) Selection with the skip keys
When the player is in stop or play mode, pressing the “◀◀” key once will skip to the track before the current one. Pressing the “▶▶” key once will skip to the track after the current one.

Random play

With the player in stop mode, press the “RANDOM” key. The screen will display “RANDOM”. The unit will play tracks at random until all the tracks on the disc have been played.

Note: Press the “STOP” key to cancel random play mode.

Functions

Program play

- 1) With the player in stop mode, press the program key (PROG). The screen will display “PROG” .
- 2) Enter the track numbers of your program (at intervals of little more than 2 seconds). When 16 tracks have been entered, the screen will display “FULL” and flash to show no more memory is available.
- 3) Press the play key (PLAY) on the front panel or the “▶/II” (PLAY/PAUSE) key on the remote control to play the programmed sequence of tracks. The screen will display “MEMORY” , the total number of programmed tracks and the current track number and duration.

Note: To cancel program play, press the “PROG” key again.

Display brightness control

- 1) Use the “DIMMER” key on the remote control to adjust the brightness of the display to your preference.
- 2) Each press of the “DIMMER” key will step the display's brightness through “high” , “medium” or “low” levels. (“High” brightness is selected by default at startup).

Volume control

Adjust both vacuum tube line and headphone output level with the “LEVEL-” and “LEVEL+” keys on the remote control.

Mute

- 1) With the player in play mode, press the “MUTE” key. The screen will display “MUTING” . The player will play silent.
- 2) Press the “MUTE” key again to return to normal play mode.

Note:

In “MUTE” mode the disc continues to play but no output signal is sent from the player.

Frequency up-sampling control

To activate frequency up-sampling, press the “24-bit/192 KHz” key on the remote control. The corresponding indicator on the front panel will light up. To cancel this function, press the “24-bit/192 KHz” key again.

Technical data

- ◎ Audio output level 2.2V
- ◎ Frequency response 6 Hz~20 KHz (-0.5dB)
- ◎ S/N ratio >110dB
- ◎ Distortion <0.0025 (1 KHz)
- ◎ Dynamic range 105dB
- ◎ Crosstalk (fundamental wave) >100dB
- ◎ AC Power AC100V ~ 120V/60Hz or AC220V ~ 240V/50Hz
- ◎ Power consumption <50W
- ◎ Working temperature 0~40°C
- ◎ Volume (W x D x H) 430×290×65mm
- ◎ Net weight Approx. 10Kg

Accessories supplied with the unit

- ★ User manual: 1 copy
- ★ Warranty card: 1 sheet
- ★ 3-prong power cord: 1 pc
- ★ Remote control handset: 1 pc
- ★ Battery: 2 pc
- ★ Chamois leather: 1 pc
- ★ Gloves: 1 pair

Troubleshooting

Problem	Possible cause	Solution
Power does not reach the player	1. Bad power socket contact or no power.	1. Check the power source and plug the cord in tightly.
Player will not play	1. A disc has been put in which the unit cannot identify.	1. Use discs that can be played by this unit only.
	2. The disc is seriously scratched or dirty.	2. Clean the disc or exchange it for a better copy.
	3. The disc is placed upside down.	3. Put in the disc with the printed side facing upwards.
	4. There is condensation on the laser lens.	4. Connect the power and preheat for 60 minutes.
No sound	1. Audio cable is not connected.	1. Connect audio cable properly.
	2. Player is in muting mode.	2. Release muting mode on the remote control.
	3. Volume control is at the lowest setting.	3. Adjust volume control.
The remote control does not function	1. Battery in the remote control is wrongly installed or exhausted.	1. Reinstall or replace the battery.
	2. Remote control distance is too far or angle is improper.	2. Use the remote control from a distance of under 10m and at an angle of less than 30°.
	3. Remote control is not oriented towards the sensor window on the player.	3. Turn the remote control towards the sensor window.
	4. There is an obstacle in front of the sensor window on the player.	4. Move the obstacle away from the sensor window.

Note: If the unit still does not work properly after you have followed the steps recommended above, please contact your local dealer.

After-sales service

The Company provides a one-year warranty service (6 months for the laser pickup) from the date of purchase of the product, subject to the following limitations:

- The warranty card and proof of purchase are warranty vouchers. Without these the warranty is invalid.
- The warranty is limited to damage caused by defective components or poor workmanship.
- The warranty does not include damage to the product due to improper use or neglect, accidents or improper power connection. Damage due to operation not in accordance with this manual; opening the unit without authorization; modification; or repair by maintenance personnel other than those authorized by SHANLING AUDIO or its distributor is not covered by warranty.
- In the event of a failure, neither SHANLING AUDIO nor its distributor shall be liable for any injury or any loss or damage caused to property or products other than the product under warranty.
- To validate the warranty, the owner must fill in the warranty card and send it to the distributor within thirty days of purchase, retaining the original receipt as proof of purchase.
- Specifications and functions may be modified without prior notice for the purpose of improving the product.